COPY 1 OF 1

LN 364

15 October 1958

The Perkin-Elmer Corporation
P. O. Box 879
Norwalk, Connecticut

25X1A

Attention: [redacted]

Subject: Contract dated 24 June 1958, as amended

Reference: Conference 2 October 1958, Dayton, Ohio

Dear Sir:

Pursuant to agreements reached at the referenced conference at Dayton and in accordance with the "Changes" clause of the subject contract this proposal is herewith submitted.

It is proposed (1) that the scope of work be increased to include the work statement in Exhibit "A" hereof, and (2) that the period of performance be increased by approximately thirteen (13) weeks to extend through 31 December 1958. The schedule of work to be performed during this period is portrayed in Exhibit "B".

This proposal is based upon an increase being made in the estimated cost of performance and fixed fee as set forth in Exhibit "C".

In accordance with clause 30, "Negotiated Overhead Rates", of the general provisions of the subject contract it is requested that, in order to prevent substantial underpayment to this Contractor, the billing rates be adjusted retroactively to the following rates:

Engineering
Shop
Assembly
Material Handling
G & A

[redacted]

25X1A

These rates constitute our best estimate of the final overhead rates for the period specified in Section G of the schedule of the subject contract.

Very truly yours,

HYCON MFG. COMPANY

25X1A

[redacted]

Vice President, Engineering

HRE/pe

enclosures: Exhibits "A", "B" & "C"

Exhibit "A"

WORK STATEMENT

Hycon shall continue to provide its best efforts to perform engineering studies, modifications, and ground and flight tests on the HR-73C Configuration (Serial #4) to establish improved performance and reliability in operation. Performance hereunder shall specifically include, but not necessarily be limited to the following:

a. Shutter

The existing two modified shutters will be rebuilt, temporary parts replaced with their permanent counterparts, properly adjusted and laboratory tested for reliability and accuracy. In addition two more shutters will be modified to include capping blade, and likewise extensively tested for reliability and accuracy. Thus providing a total of four shutters, all at the same level of modification, for use with C Configuration.

b. Dynamic Camera Performance

The configuration systems and related equipment will be studied to determine the source of the consistent IMC type error. This shall include testing the test equipment for accuracy and proper calibration. Test of the existing position servo system will be continued to determine servo characteristics over a wider range of temperature variation. The existing autobalance servo and mechanical system will be extensively tested for reliability and thermal characteristics. This series of tests will be directed toward determining necessity and defining accuracy and reliability of the autobalance system. The static balance stability of the configuration shall also be tested.

The above work on Dynamic Camera Performance shall be completed and the results and recommendations submitted to Perkin-Elmer for approval.

c. Fine Balance of Configuration

For the purpose of eliminating any excess trim weight a final static balancing of the configuration will be made. It is anticipated that this fine balance may be accomplished by shimming the mounts of the electrical rack. In addition, a fine balance of the rocking mirror drive will be made.

d. Repackage Lens Heater Temperature Control

The existing lens heater temperature controller components will be repackaged and, if desirable, relocated for overall optimum weight distribution. Further, the connection between controller and lens heater will be made into a polarized connector to avoid any future improper connection.

e. Six Inch Core Spools

An additional quantity of 12 six inch core spools will be fabricated so as to adequately support the next flight test program.

f. Schematic Drawings

Schematic drawings of the configuration electronic circuits will be brought up to date and two complete sets supplied to Perkin-Elmer. Also all subsequent final changes made after submission of the two sets of schematics shall be reported to Perkin-Elmer within one week of such change.

g. Data Recorder

Existing configuration data recorder will be refocused to produce a more legible data image.

h. Check Lists

Maintenance, pre and post flight checklists will be brought up to date for use in the flight test program. The check lists will be directed toward operational use of the configuration by military personnel as well as field representatives. It is anticipated that these lists will be reviewed and, if necessary, modified at the end of the next test flight phase.

i. Engineering Services

In addition to the above specific work areas, engineering services will be provided for:

(1) Conferences at Hycon, PECO, Test Site and Wright Field.

(2) Engineering studies requested by PECO, or requested by Hycon and approved by PECO as are within the scope of this contract.

(3) Test Site engineering support of the flight test program.

(4) Systems integration.

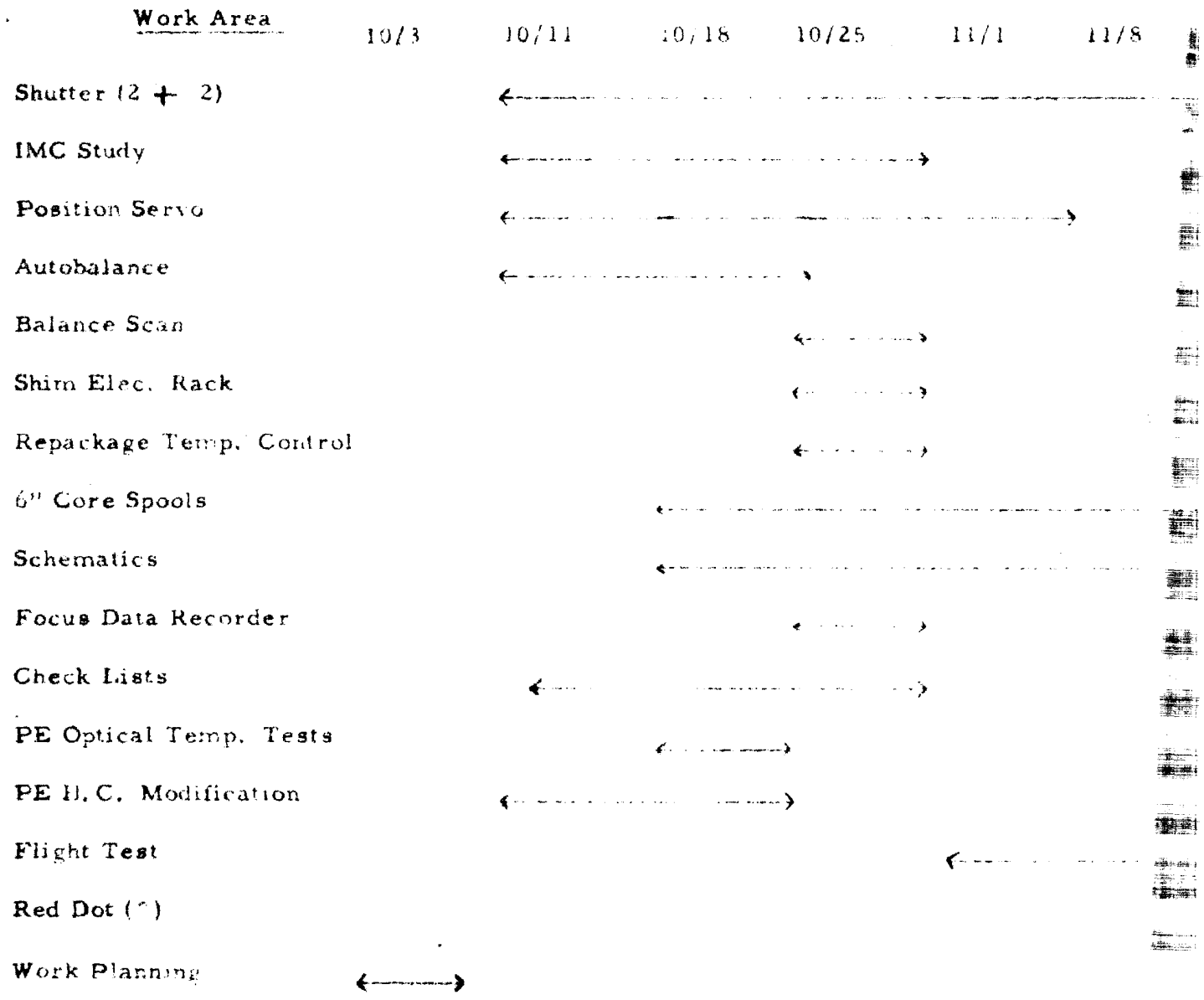
(5) Installation, alignment, and test of optics including participation in laboratory tests of optical quality.

(6) Evaluation of flight test photographic and instrumentation test results.

(7) Keeping Perkin-Elmer fully informed of all changes, test procedures, modifications and results, etc.

j. The work called for herein shall be accomplished in accordance with the attached schedule, Exhibit "B".

PROJECT
C CONI

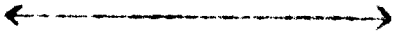


ED SCHEDULE

IGURATION

Week Ending

11/15	11/22	11/29	12/6	12/13	12/20	12/27	1/3/59



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